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Approved For Release 2001/03/03 : CIA-RDP78T05439A000300020002-8

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TCS 4706/63-KH
M/EB 473/63
7 November 1963
Copy

MEMORANDUM FOR: Chief, Military-Economics Division, ORR

25X1A

ATTENTION:

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Alternate MRBM Launch Sites

REFERENCE: (a) Requirement G-RR-3-80, 670
(b) CIA/PID Project C 1436-63

1. This memorandum is in response to your requirement dated 9 October 1963 which requests examination and analysis of eight locations in the USSR where patterns have been identified which may be indicative of alternate MRBM launch sites.

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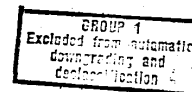
2. After close examination of applicable KEYHOLE photography, five of the have been identified as fixed field MRBM launch sites. These are found associated with the following MRBM and IRBM launch complexes: Ukmerge, Postavy, Nigrande, Maykop and Smorgon. near Polotsk, Voru and Brody are not considered to be similar and will not be included in this memorandum. A detailed description of each of the five sites follows. A line drawing of each site is included as an attachment to this memorandum.

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(a) Ukmerge Fixed Field MRBM Launch Site: This site, consisting of one and possibly two pad-like clearings and an associated system of wide radius turn roads, is located in a forest at , 2.8 nm east-southeast of Ukmerge MRBM Launch Site 1, 3.9 nm south of Ukmerge MRBM Launch Site 2 and 8 nm south-southwest of the village of Ukmerge. (Map reference: AMS Series N 501, sheet NN 35-1, scale 1:250,000 and on USATC Series 200, sheet 0168-8HL, 3rd edition, scale 1:200,000.) The first KEYHOLE coverage of this area was in and this site was present at that time. The best coverage is on and it is from this photography that the attached line drawing was derived. The latest coverage is on and the site appears unchanged from when first observed in . The long axis of one of the pad clearings is aligned on an azimuth of 215 degrees while the shape of the other clearing is so irregular that the determination of an azimuth is not possible. The pads at the nearby Ukmerge MRBM Launch Site 2 are aligned on an azimuth of . At the Ukmerge MRBM Launch Complex proper, Sites 1 and 2 were first observed through and were complete, however the location of the field site at that time.

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(b) Postavy Fixed Field MRBM Launch Site: This site, located in a forest at [REDACTED], is 0.8 nm west of Postavy MRBM Launch Site 1 3 nm north-northeast of the village of Postavy. (Map reference: AMS series N 501, sheet NN 35-2, scale 1:250,000 and USATC series 200, sheet 0168-9HL, 2nd edition, scale 1:200,000.) It consists of a system of wide radius turn roads with one and possibly two narrow clearings where missiles could be erected. It is connected indirectly with Postavy MRBM Launch Site 1 and was present in [REDACTED] when the area was first covered by

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KEYHOLE photography. Postavy MRBM Launch Sites 1 and 2 were also present at this time and appeared complete. The latest coverage is on [REDACTED] and the site appears basically unchanged. The pad-like clearings are oriented on an azimuth of 220 degrees while the pads at Postavy 1 are oriented on 205 degrees.

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(c) Nigrande Fixed Field MRBM Launch Site: This launch site is located in a forest at 56-28-15N 21-51-00E positioned between the launch site and housing and support facility of Nigrande Hardened IRBM Launch Area 3. (Map references: AMS series N 501, sheet NO 34-11, scale 1:250,000 and USATC series 200, sheet 0152-25HL, scale 1:200,000. The field site was present on [REDACTED], the first KEYHOLE coverage of the area. Construction of Nigrande Hardened IRBM Launch Site 3 had not yet been started in [REDACTED]

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The closest MRBM launch complex is at Paplaka 20 nm to the west, which was first observed on [REDACTED] and was complete at that time. This field site consisted of two pad clearings positioned 450 feet apart and oriented on an azimuth of 240 degrees before being partially obliterated by the construction of the Nigrande Hardened IRBM Launch Area 3. Other than this partial obliteration no change is evident at this site [REDACTED]. The orientation of all pads at the Paplaka Complex is 215 degrees. The attached line drawing indicates the relationship of the field site to the hardened IRBM site now under construction.

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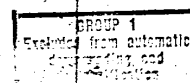
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(d) Maykop Fixed Field MRBM Launch Site: This site is located in a forest at 44-31-15N 40-14-15E, 9.7 nm east of Maykop Launch Site 1 and 7 nm southeast of the city of Maykop. (Map references: AMS series N 501, sheet NL 37-12, scale 1:250,000 and USATC series 200, sheet 0249-24AL, 2nd edition, scale 1:200,000.) Neither this site nor the nearby Maykop MRBM Launch Complex was present in [REDACTED]. The field site was present the next time the area was observed which was [REDACTED] as were Maykop MRBM Launch Sites 1 and 2. Site 1 (Type II) appeared complete while Site 2 (Type IV) was in a mid-stage of construction. The field site now consists of four pad clearings oriented on an azimuth of 205 degrees arranged as two pairs of pads placed in tandem with a separation of 480 feet between pads. Maykop

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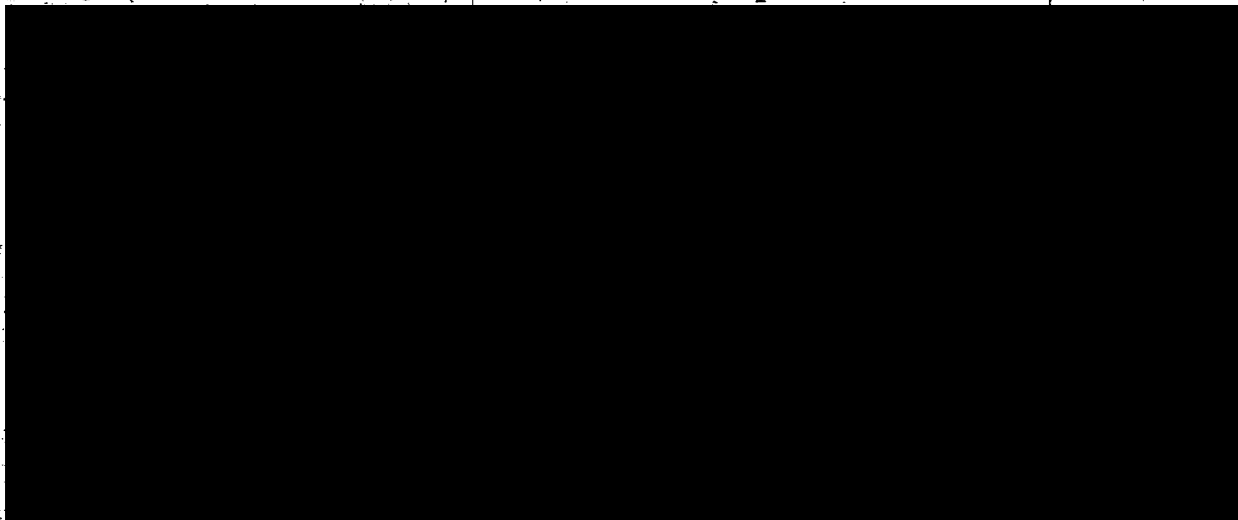
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Launch Site 1 has an orientation of 190 degrees. Only three pads were present between the time this field site was first observed in [REDACTED] and the coverage in [REDACTED]. The fourth pad was added between [REDACTED]

(e) Smorgon Fixed Field MRBM Launch Site: This site consists of one and possibly two pad-like clearings with an associated system of wide radius turn roads located in a forest at [REDACTED] approximately midway between the two soft IRBM launch sites at Smorgon. This site was present in [REDACTED] the first time the area was observed on KEYHOLE photography as was Smorgon IRBM Launch Site 1. Construction of Launch Site 2 was just beginning when the area was covered on [REDACTED]. The field site has remained unchanged through the latest coverage which was [REDACTED]. The azimuth of the pad clearing is 220 degrees which is the same as that at the two nearby soft IRBM launch sites. The closest MRBM launch complexes are Postavy, 40 nm to the north-northeast and Vselyub, 50 nm to the south-southwest.

3. When these five field launch sites are compared with each other and



4. It is suggested that these fixed field sites may serve in one of the following three capacities or a combination thereof.



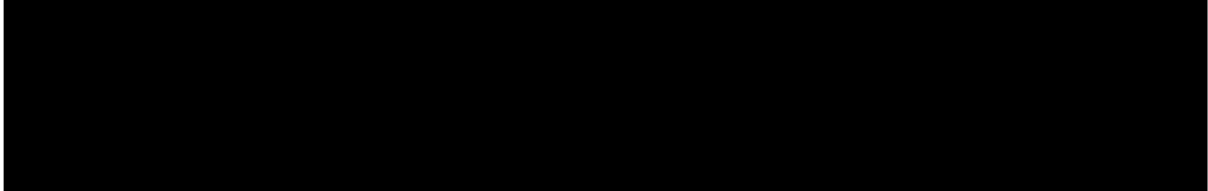
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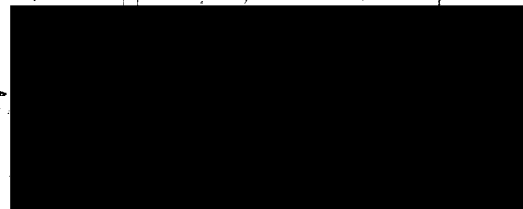
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5. The photo analyst on this project is [redacted] and he may be contacted on extension 2079 if you have any further questions concerning this project.

6. This project is considered to be complete.

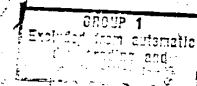


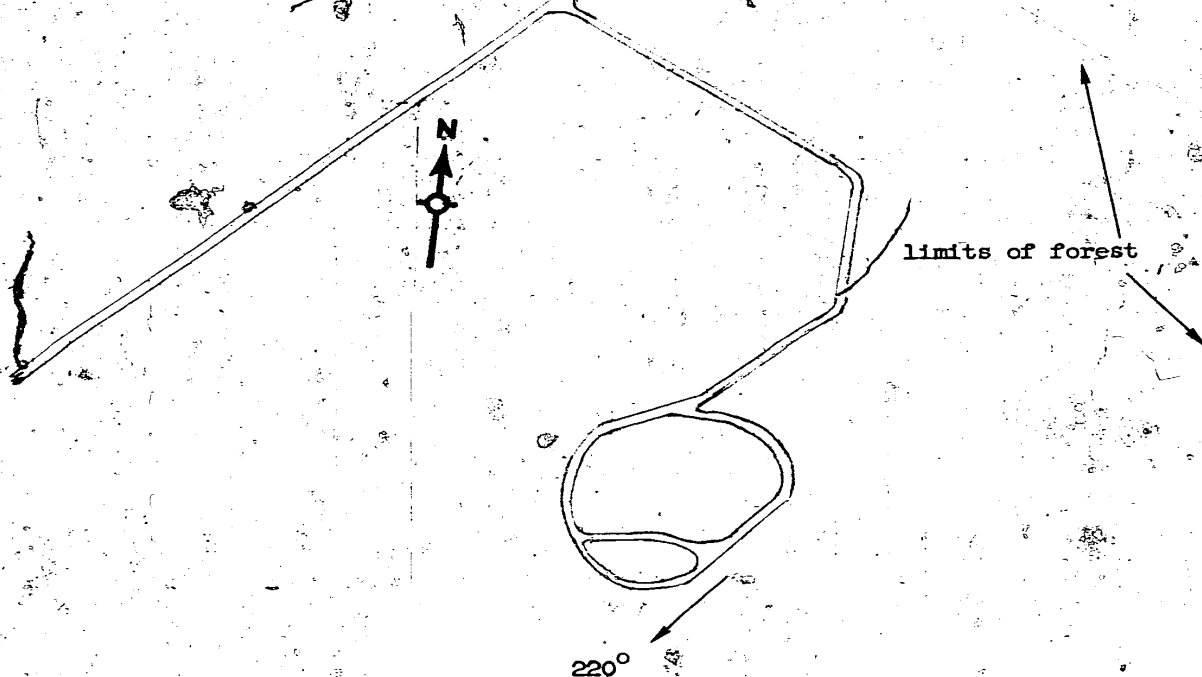
Enclosures.

1 - Five (5) line drawings
(CIA/FID/MEB-P-257/63 thru P-261/63)

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POSTAVY FIXED FIELD MRBM
LAUNCH SITE

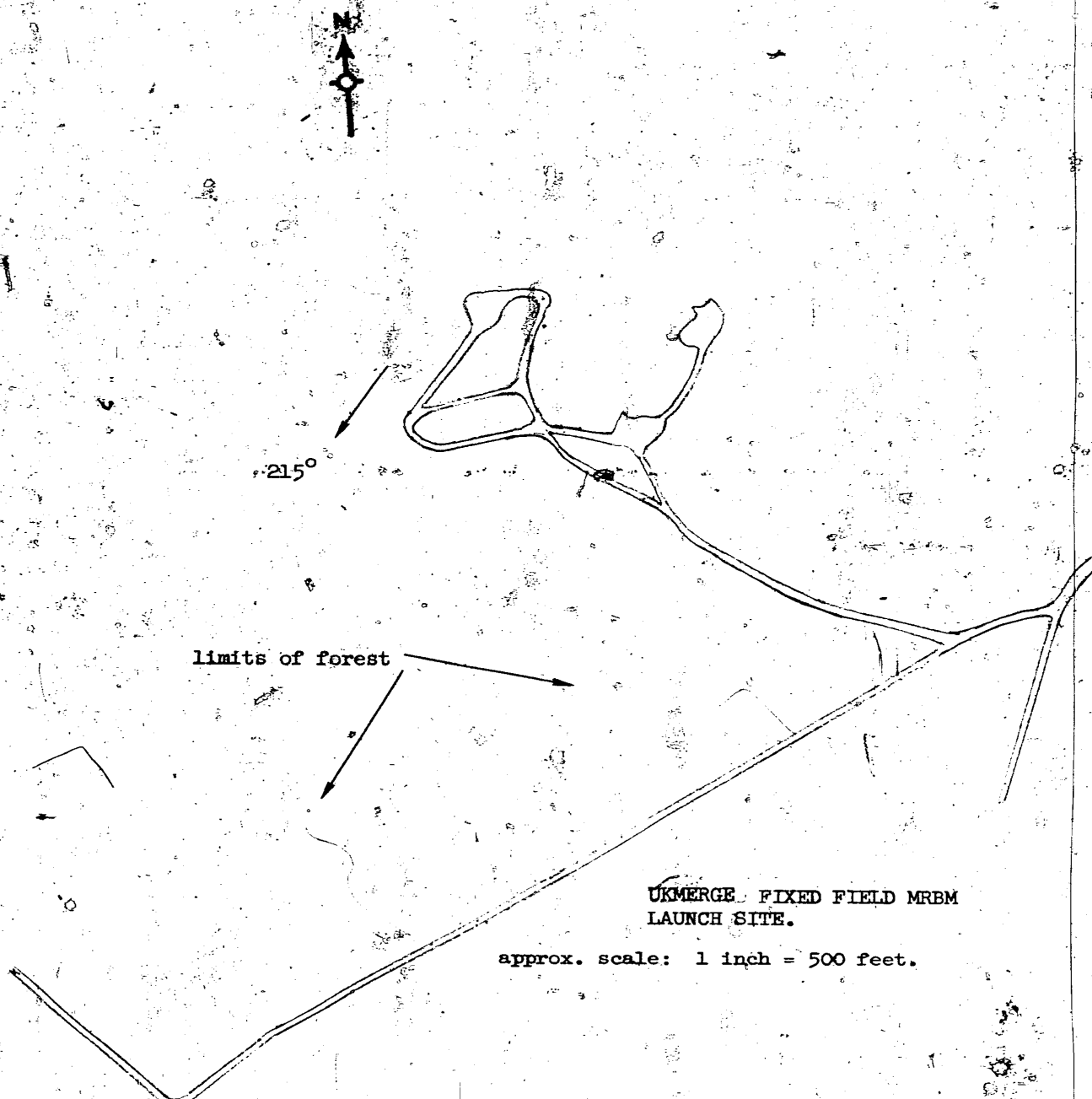
approx. scale: 1 inch = 500 feet.

CIA/PID/MEB-P-257/63

Attachment to:

TCS 4706/63-KH, MEB 473/63

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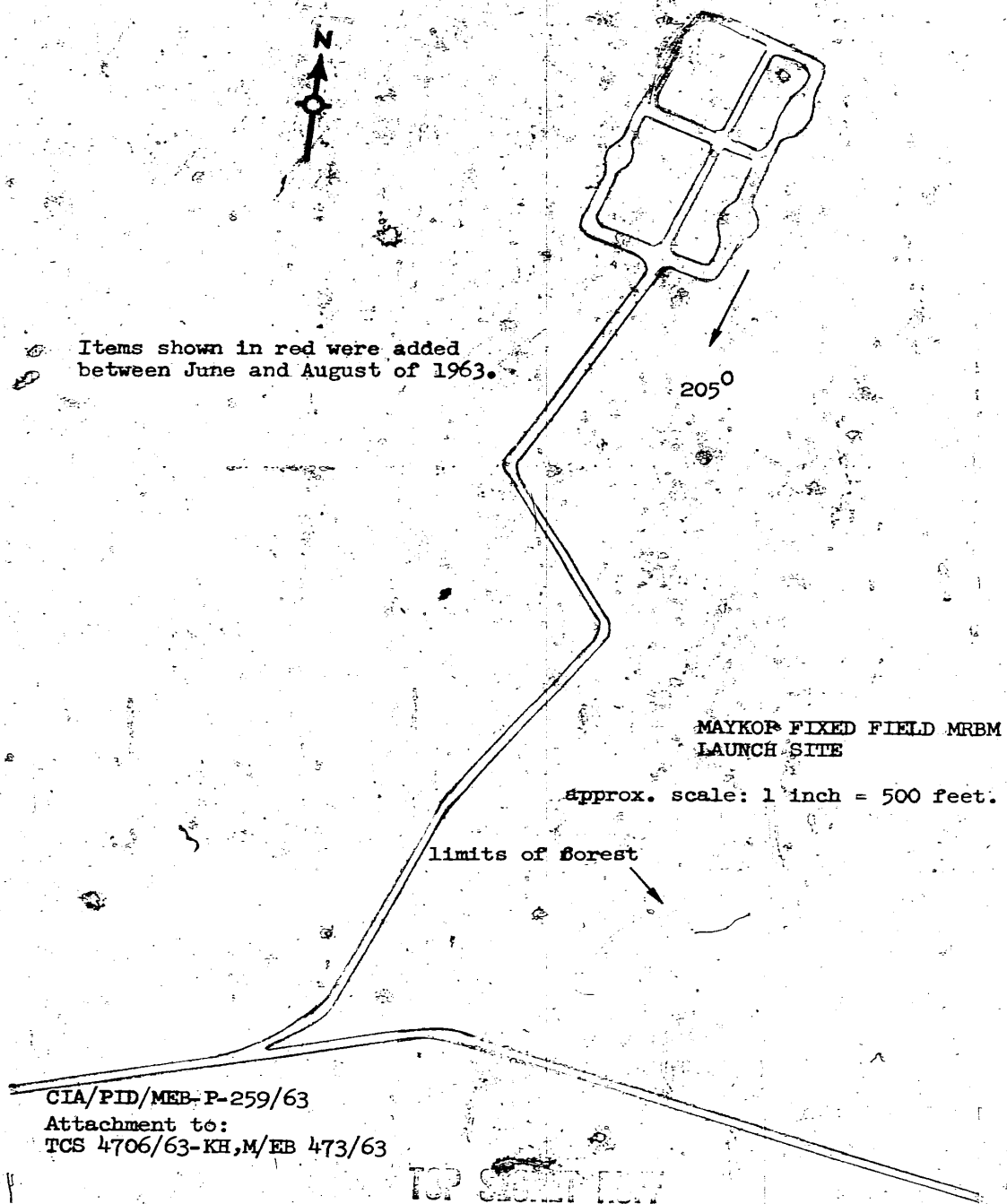


MEB-P-258/63

Attachment to:

TCS 4706/63-KH, M/EB 473/63

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TOP SECRET NOTE

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Smorgon #2 launch area

entire area forested

cut lines in forest

SMORGON FIXED FIELD MRBM
LAUNCH SITE

Approx scale: 1 inch = 500 feet.

items shown in red were present in

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CIA/RID/MEB-P-260/63

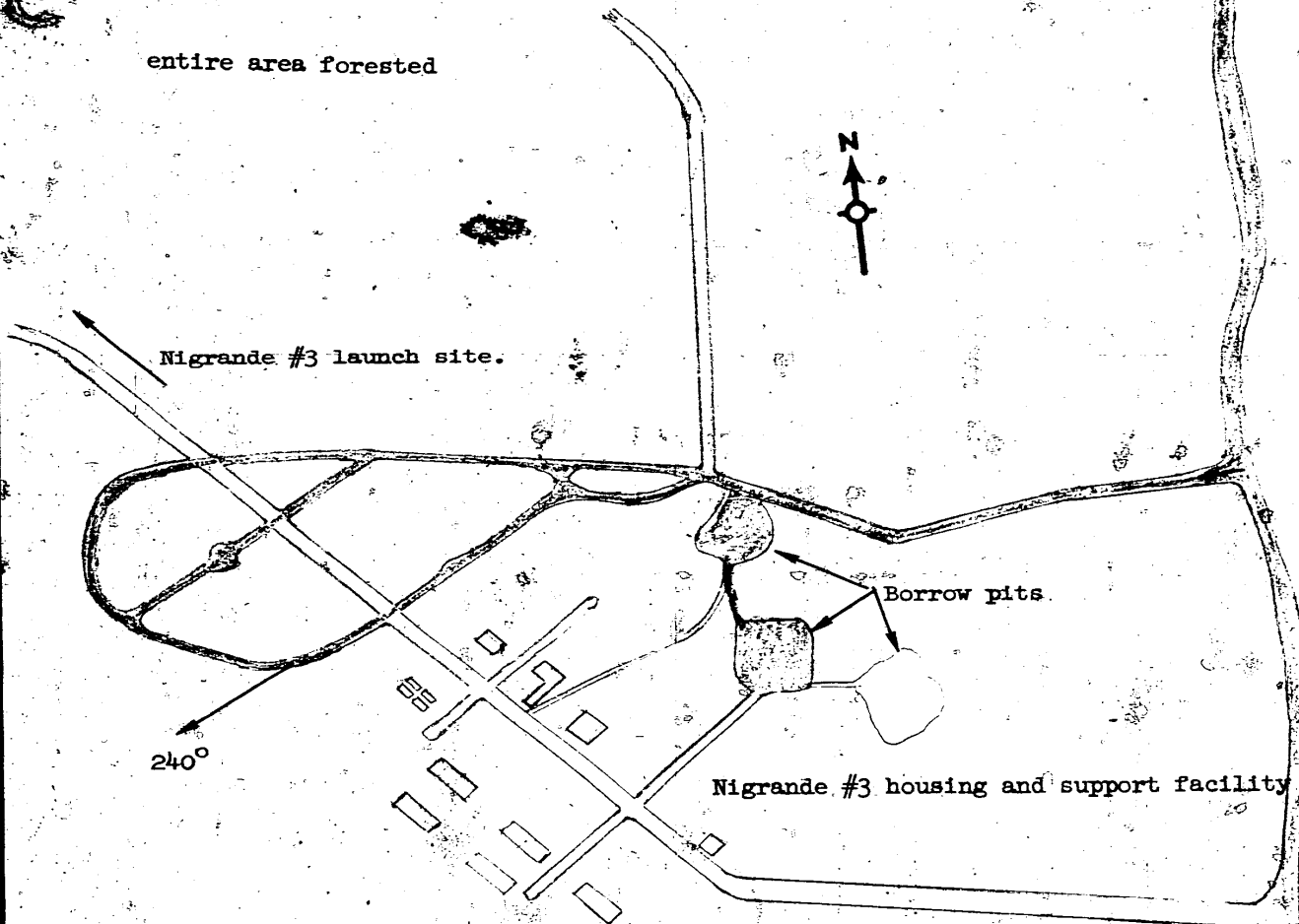
Attachment to:

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Smorgon #1 launch area

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entire area forested



NIGRANDE FIXED FIELD MRBM
LAUNCH SITE

approx. scale: 1 inch = 500 feet.

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The roads and clearings shown in red were present in [REDACTED]

CIA/PID/MEB-P-261/63
Attachment to:
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TCS #4751/63-KH
PID/ABCB 250/63
13 November 1963
Copy # _____

MEMORANDUM FOR: Chief, Atomic/Biological/Chemical Division, OSI

ATTENTION: [REDACTED] 25X1A

THRU: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID(NPIC)

SUBJECT: Request for Graphics - Penza Site, USSR

REFERENCES: Requirement No. C-SI3-80,800/63
CIA Project No. C 1629/63

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1. The enclosed annotated photographic enlargements are sent in response to the referenced requirement and are for your retention. The photography utilized was [REDACTED]

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2. Interoffice Memorandum PID/ABCB 173/63 (TCS #2015/63-KH) dated 16 August 1963 pertains to the subject site.

3. The photo analyst on this project was [REDACTED]. He may be contacted on extension 2935 should you have further questions regarding this project.

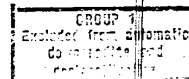
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4. This memorandum with enclosures completes the requirement.

Enclosures:

CIA/PID/ABCB/P-285/63 (Annotated Photo Enlargement)
CIA/PID/ABCB/P-286/63 (" " ")
CIA/PID/ABCB/P-287/63 (Annotated Photo Enlargement)

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